

**DAGGS WASH**  
**FCD GAGE ID# 5498**

**STATION DESCRIPTION**

**LOCATION** - The gage is located near the Toyota Desert Proving Ground near 307th Ave and Peak View Road. Latitude 33° 44' 45.2" North; Longitude 112° 43' 30.2" West. Located in S25 T5N R5W, in the Daggs Tank 7.5-minute quadrangle.

**ESTABLISHMENT** - The gage was installed November 8, 2007.

**DRAINAGE AREA** – Not Determined

**GAGE** - The gage is a pressure transducer type instrument. The PT diaphragm is at gage height 0.15 feet, levels of December 20, 2007. The PT is located on the south side of Peak View Road.

There is no crest-stage gage at this site.

There is no staff gage at this site.

**ZERO GAGE HEIGHT** – Zero gage height is just below the surface of the concrete apron of the culvert under Peak View Road, and is at elevation 1,668.62 feet NAVD 1988. Lowest survey-able elevation is 0.03 feet gage height, or 1,668.65 feet NAVD 1988.

**HISTORY** – Gaging established on November 8, 2007. No previous gaging history at this location.

**REFERENCE MARKS**

RM-1 is an FCD brass cap located on the southwest side of the wash crossing of Peak View Road.

**CHANNEL AND CONTROL** - The channel is natural downstream from the gage. The level sensor is located on the outside of the culvert on the outlet apron of the culvert.

The control for the gage is not defined at low flows. The channel is the control at higher stages.

**RATING** - The current rating is Rating #1, dated November 8, 2007. The rating was developed from a survey of eight cross sections at and downstream of the culvert. Data were used in an HEC-RAS model.

**DISCHARGE MEASUREMENTS** - Direct measurements could be made in the natural wash downstream from the culvert.

**POINT OF ZERO FLOW** - The PZF is at about 0.0 feet gage height.

**FLOODS** – A flood of 256 cfs and 1.08 feet gage height occurred on January 21, 2010.

**REGULATION** - None known.

**DIVERSIONS** - None known

**ACCURACY** - Fair

**JUSTIFICATION** - Monitor flows in Daggs Wash for data collection.

**UPDATED** -                July 14, 2011  
D E Gardner